



State of New Hampshire  
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095  
(603) 271-3406 FAX (603) 271-7894



July 22, 2002  
Dam #065.03

Mr. Rick Tillotson  
Tillotson Corporation  
RFD 1 Box 2000  
Dixville Notch, NH 03576

RE: Lake Abeniki, Dam #065.03– Dixville Notch

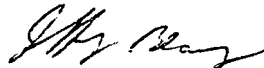
Dear Mr. Tillotson:

The Department of Environmental Services (DES), Dam Bureau has received and reviewed the July 2002 Probable Maximum Flood (PMF) hydrologic and hydraulic analysis for the Abeniki Lake Dam and drainage area submitted by Provan & Lorber Incorporated. Upon review of the submittal, DES has approved the analysis and has determined that the dam should be designed to safely discharge flows produced from the 72-hour PMF, which are approximately 5,000 cfs, with a minimum of 1 foot of freeboard.

DES would also like to take this opportunity to suggest a design meeting with your consultants once their conceptual phase of the design is complete. This meeting will be a good opportunity to discuss the extent of proposed repairs to the structure and foundations. We feel a meeting with the design team will expedite the regulatory review and design process in efforts to have the reconstruction project completed during the current construction season. DES staff (i.e. Dam Bureau Chief Engineer, Administrator-Dam Safety Section, and others) visited the site on July 17, 2002. DES is very concerned about the safety of Abeniki Lake Dam and would like to ensure that it is reconstructed this construction season. If the dam cannot be rebuilt this season, DES will consider amending the Administrative Order to require a complete drawdown of the impoundment and temporary breach of the dam prior to winter, and development of an alternative water source to maintain fire protection and manufacturing operations, if necessary.

If you have any questions or comments regarding this letter you can contact me at 271-3406, or write to the Water Division, Dam Bureau at the above listed address.

Sincerely,

  
Jeffrey M. Blaney  
Dam Safety Engineer

Cc: Provan & Lorber  
GEI Consultants, Inc.  
Ron Guerin, Tillotson Healthcare  
Gretchen Rule, DES Legal Unit ✓

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